

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

- (51) International Patent Classification 6: C07D 417/06, A61K 31/40, C07D 409/04, 401/12, 403/04, 209/22, 209/12, 209/10, 401/06, 209/42, 209/14, 403/06, 405/04, 417/10, 405/12
- (11) International Publication Number:

WO 99/43672

(43) International Publication Date:

2 September 1999 (02.09.99)

(21) International Application Number:

PCT/US99/03388

A1

(22) International Filing Date:

17 February 1999 (17.02.99)

(30) Priority Data:

09/030,102

25 February 1998 (25.02.98)

US

- (71) Applicant: GENETICS INSTITUTE, INC. [US/US]; 87 CambridgePark Drive, Cambridge, MA 02140 (US).
- (72) Inventors: SEEHRA, Jasbir, S.; 6211 Lexington Ridge, Lexington, MA 02173 (US). XIANG, YiBin; 821 Main Street, Acton, MA 01720 (US). BEMIS, Jean; 256 Appleton Street, Arlington, MA 02174 (US). McKEW, John; 58 Varnum Street, Arlington, MA 02174 (US). KAILA, Neelu; 2 Course Brook Lane, Natick, MA 01760 (US). CHEN, Lihren; 21 Madison Avenue, Cambridge, MA 02140 (US).
- (74) Agent: BROWN, Scott, A.; American Home Products Corporation, Patent and Trademark Dept. - 2B, One Campus Drive - attn. Kay E. Brady, Parsippany, NJ 07054 (US).

(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

Published

With international search report.

Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

(54) Title: INHIBITORS OF PHOSPHOLIPASE A2

$$R = R_2 \qquad (1)$$

$$\mathbb{R}^{N} \longrightarrow \mathbb{R}^{N}$$

$$R_1$$
 R_2
 R_3
 R_4
 R_5
 R_6
 R_7
 R_8

(57) Abstract

Inhibitors of cPLA2 activity are disclosed, having a chemical formula selected from the group consisting of (I), (II), and (III), (IV), (V) or (VI).